

STRUCTURE FILE UPDATES: 12 MAY 2002 HIGHEST RN 414355-21-8  
DICTIONARY FILE UPDATES: 12 MAY 2002 HIGHEST RN 414355-21-8

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s direct blue 14/cn  
L1 1 DIRECT BLUE 14/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 72-57-1 REGISTRY  
CN 2,7-Naphthalenedisulfonic acid, 3,3'-(3,3'-dimethyl[1,1'-biphenyl]-4,4'-  
diyl)bis(azo)bis[5-amino-4-hydroxy-, tetrasodium salt (9CI) (CA INDEX  
NAME)

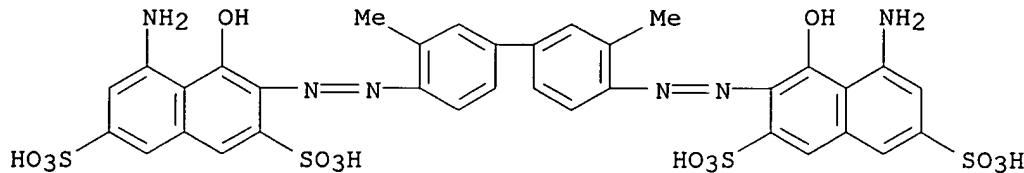
OTHER CA INDEX NAMES:

CN C.I. Direct Blue 14, tetrasodium salt (8CI)  
CN Diphenyl Blue (6CI)

OTHER NAMES:

CN Amanil Sky Blue R  
CN Bencidal Blue 3B  
CN Benzamine blue  
CN Benzanil Blue 3BN  
CN Benzo blue  
CN Benzo Blue 3BS  
CN Blue 3B  
CN Blue EMB  
CN Brasilamina Blue 3B  
CN C.I. 23850  
CN C.I. Direct Blue 14  
CN Chloramine Blue 3B  
CN Chrome Leather Blue 3B  
CN Congo blue  
CN Cresotine Blue 3B  
CN Diamine Blue 3B  
CN Diamineblue  
CN Diaphtamine Blue TH  
CN Diazine Blue 3B  
CN Diazol Blue 3B  
CN Diphenyl Blue 3B  
CN Direct Blue 14  
CN Direct Blue 3B  
CN Direct Blue M 3B  
CN Hispamin Blue 3BX  
CN Naphthylamine blue  
CN Niagara Blue  
CN Niagara Blue 3B  
CN Paramine Blue 3B  
CN Pontamine Blue 3BX  
CN Sodium ditolyldisazobis-8-amino-1-naphthol-3,6-disulfonate  
CN Trypan (Congo) Blue  
CN Trypan blue  
CN Trypan Blue BPC  
CN Trypane blue  
DR 179472-55-0  
MF C34 H28 N6 O14 S4 . 4 Na

CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
 CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HSDB\*, IPA, MEDLINE,  
 MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS\*, TOXCENTER,  
 USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 CRN (2538-83-2)



● 4 Na

618 REFERENCES IN FILE CA (1967 TO DATE)  
 10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 619 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 43 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s direct blue 1/cn  
 L2 1 DIRECT BLUE 1/CN

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
 RN 2610-05-1 REGISTRY  
 CN 1,3-Naphthalenedisulfonic acid, 6,6'-(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[4-amino-5-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN C.I. Direct Blue 1, tetrasodium salt (8CI)  
 CN Chicago Blue 6B (6CI)

OTHER NAMES:

CN Airedale Blue FFD  
 CN Amanil Sky Blue 6B  
 CN Amanil Sky Blue FF  
 CN Atlantic Resin Fast Blue LLGG  
 CN Atlantic Sky Blue 6B  
 CN Atlantic Sky Blue FF  
 CN Atul Direct Sky Blue FB  
 CN Azine Brilliant Blue 6B  
 CN Azocard Blue 6B  
 CN Belamine Sky Blue FF  
 CN Benzanil Sky Blue FF  
 CN Benzo Brilliant Blue 6BS  
 CN Brasilamina Sky Blue 6B  
 CN Brilliant Benzo Blue  
 CN Brilliant Benzo Blue 6BA-CF  
 CN Brilliant blue 6B  
 CN C.I. 24410  
 CN C.I. Direct Blue 1  
 CN Calcodur Blue 6GFL  
 CN Calcodur Resin Fast Blue 6G  
 CN Calcomine Sky Blue FF  
 CN Chicago Blue  
 CN Chicago Sky Blue

CN Chicago Sky Blue 6B  
CN Chloramine Sky Blue FF  
CN Chlorantine Fast Blue B 5GL  
CN Chlorazol Sky Blue FF  
CN Chrome Leather Sky Blue GS  
CN Cresotine Blue 6B  
CN Diacotton Sky Blue 6B  
CN Diaphtamine Blue BS  
CN Diazine Sky Blue FF  
CN Diazol Pure Blue 6B  
CN Diphenyl Brilliant Blue FF  
CN Direct Azure Blue 6B  
CN **Direct Blue 1**  
CN Direct Blue 6B  
CN Direct Blue 6BS  
CN Direct Blue FF  
CN Direct Bright Blue  
CN Direct Brilliant Blue FF  
CN Direct Brilliant Blue MFF  
CN Direct Brilliant Sky Blue 6B  
CN Direct Pure Blue 6B  
CN Direct Pure Blue FF  
CN Direct Pure Sky Blue  
CN Direct Sky Blue 6B  
CN Direct Sky Blue 6BS

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

MF C34 H28 N6 O16 S4 . 4 Na

CI COM

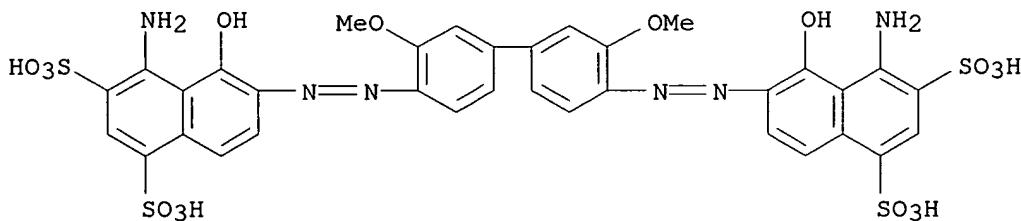
LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CANCERLIT,  
CAOLD, CAPLUS, CEN, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HSDB\*,  
IFICDB, IFIPAT, IFIUDB, MEDLINE, NIOSHTIC, PIRA, PROMT, RTECS\*,  
SPECINFO, TOXCENTER, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (3841-14-3)



● 4 Na

313 REFERENCES IN FILE CA (1967 TO DATE)  
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
313 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
45 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s direct blue 53/cn  
L3 1 DIRECT BLUE 53/CN

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 314-13-6 REGISTRY  
CN 1,3-Naphthalenedisulfonic acid, 6,6'-(3,3'-dimethyl[1,1'-biphenyl]-4,4'-

diyl)bis(azo)]bis[4-amino-5-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Azovan Blue (6CI)

CN C.I. Direct Blue 53, tetrasodium salt (8CI)

OTHER NAMES:

CN 4,4'-Bis[7-(1-amino-8-hydroxy-2,4-disulfo)naphthylazo]-3,3'-bitolyl tetrasodium salt

CN C.I. 23860

CN C.I. Direct Blue 53

CN Diazol Pure Blue BF

CN Direct Blue 53

CN Evan's Blue

CN Evans Blue

CN T 1824

DR 179472-53-8

MF C34 H28 N6 O14 S4 . 4 Na

CI COM

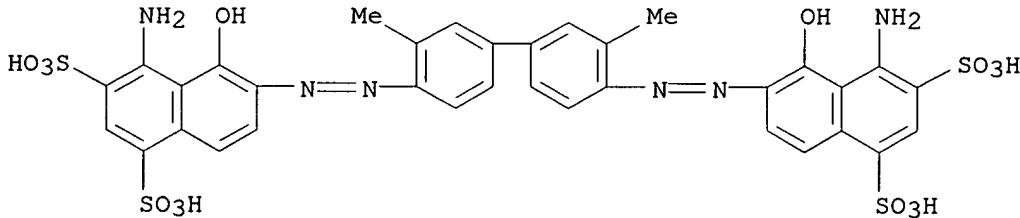
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, RTECS\*, SPECINFO, TOXCENTER, USAN, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (6968-33-8)



●4 Na

392 REFERENCES IN FILE CA (1967 TO DATE)

15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

392 REFERENCES IN FILE CAPLUS (1967 TO DATE)

25 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s direct blue 98/cn

L4 1 DIRECT BLUE 98/CN

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 6656-03-7 REGISTRY

CN Cuprate(3-), .[.mu.-[7-[[3,3'-di(hydroxy-.kappa.O)-4'-[[1-(hydroxy-.kappa.O)-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo-.kappa.N1][1,1'-biphenyl]-4-yl]azo-.kappa.N1]-8-(hydroxy-.kappa.O)-1,6-naphthalenedisulfonato(7-)]di-, trisodium (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,6-Naphthalenedisulfonic acid, 7-[[3,3'-dihydroxy-4'-[[1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo][1,1'-biphenyl]-4-yl]azo]-8-hydroxy-, copper complex

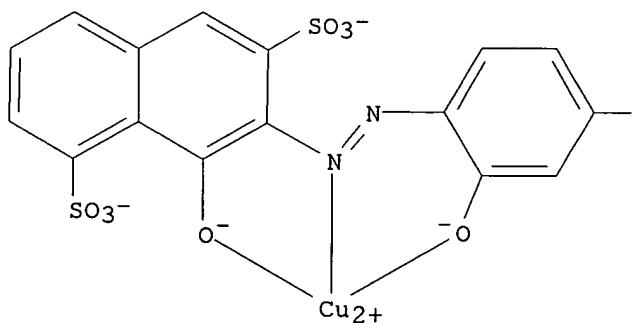
CN Copper, [trihydrogen 7-[[4'-[(6-anilino-1-hydroxy-3-sulfo-2-naphthyl)azo]-3,3'-dihydroxy-4-biphenyl]azo]-8-hydroxy-1,6-naphthalenedisulfonato(4-)]di-, trisodium salt (7CI)

CN Cuprate(3-), [.mu.-[7-[[3,3'-dihydroxy-4'-[[1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo][1,1'-biphenyl]-4-yl]azo]-8-hydroxy-1,6-naphthalenedisulfonato(7-)]]di-, trisodium

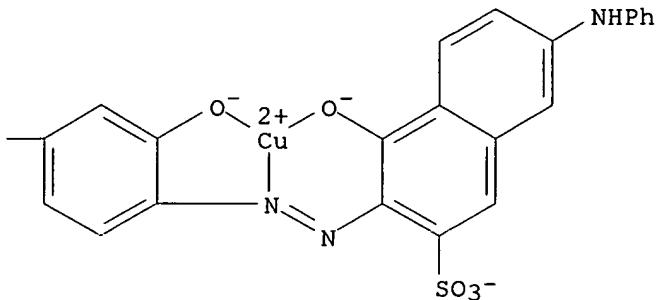
OTHER NAMES:

CN Azoanthrene Royal Blue L  
CN Benzanil Supra Blue FBGL  
CN C.I. 23155  
CN C.I. Direct Blue 98  
CN Chlorantine Fast Blue A 2GLL  
CN Chlorantine Fast Blue BLL  
CN Cuprofix Blue LUL  
CN Dermafix Yellow 2F  
CN Diaphtamine Light Blue FBGL  
CN Diazol Light Blue 3JLN  
CN Direct Blue 98  
CN Fastusol Blue LFGL  
CN Fastusol Blue LR  
CN Fenaluz Blue FG  
CN Fenaluz Blue FRL  
CN Pyrazol Fast Blue LUL  
CN Pyrazoline Blue 2RCF  
CN Saturn Blue LFBG  
CN Sirius Supra Blue FBGL  
CN Solantine Blue GLFV  
CN Solantine Blue GLFW  
CN Solex Blue FBGL  
CN Solex Blue RL  
CN Solius Light Blue FBGL  
CN Solophenyl Blue 3GL  
CN Sumilight Supra Blue FBGL  
CN Triantine Light Yellow RR  
DR 253167-36-1  
MF C38 H20 Cu2 N5 O13 S3 . 3 Na  
CI CCS  
LC STN Files: CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, TOXCENTER, USPATFULL  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

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● 3 Na<sup>+</sup>



24 REFERENCES IN FILE CA (1967 TO DATE)  
 24 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s acid blue 113/cn  
 L5 1 ACID BLUE 113/CN

=> d

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
 RN 3351-05-1 REGISTRY  
 CN 1-Naphthalenesulfonic acid, 8-(phenylamino)-5-[(4-[(3-sulfophenyl)azo]-1-naphthalenyl)azo]-, disodium salt (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN C.I. Acid Blue 113 (7CI)  
 CN C.I. Acid Blue 113, disodium salt (8CI)  
 OTHER NAMES:  
 CN Acid Blue 113  
 CN Acid Fast Blue 5R  
 CN Acid Leather Blue 5RN  
 CN Acid Leather Blue RN  
 CN Acid Milling Navy Blue 2RNX  
 CN Alphanol Blue 5RN  
 CN Amacid Fast Navy 5R  
 CN Atul Acid Cyanine Blue 5R  
 CN Azo Cyanine Blue 5R Extra  
 CN Benzyl Fast Blue 5R  
 CN C.I. 26360  
 CN Cirene Blue 5RA  
 CN Cloth Blue 5R  
 CN Cloth Fast Blue R  
 CN Cloth Fast Blue RN  
 CN Cloth Fast Blue S 5R  
 CN Colacid Fast Blue 5R  
 CN Coomassie Navy Blue 2RN  
 CN Cyanine Navy Blue 2RNX  
 CN Cyanine Navy Blue 5R  
 CN Eniacid Cloth Blue 5R  
 CN Erio Fast Blue S 5R  
 CN Erionyl Blue S 5R  
 CN Erionyl Navy Blue 2RN  
 CN Erionyl Navy R  
 CN Eriosin Fast Blue S 5R  
 CN Everacid Milling Cyanine 5R  
 CN Fast Blue 5R  
 CN Fenazo Blue S 5R  
 CN Folan Fast Navy Blue 5R  
 CN Hispacid Cloth Blue 5RF  
 CN Intrazone Fast Blue 5RS  
 CN Java Fast Blue 5R  
 CN Kayanol Cyanine 5R  
 CN Kayanol Milling Cyanine 5R

CN Levanol Fast Cyanine 5RN  
CN Milling Fast Blue 5R  
CN Naphthalene Leather Navy 2RN  
CN Neutral Blue 5R  
CN Neutral Fast Blue 5R  
CN Nylomine Acid Navy C 2R  
CN Nylomine Acid Navy P 2R  
CN Nylosan Navy N-RBL  
CN Nylosan Navy N-RE  
CN Optanol Cyanine 5R extra  
CN Polan Navy Blue R  
CN Pontacyl Fast Blue 5R  
CN Rifa Acid Cyanine 5R

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 101708-55-8, 67512-10-1

MF C32 H23 N5 O6 S2 . 2 Na

CI COM

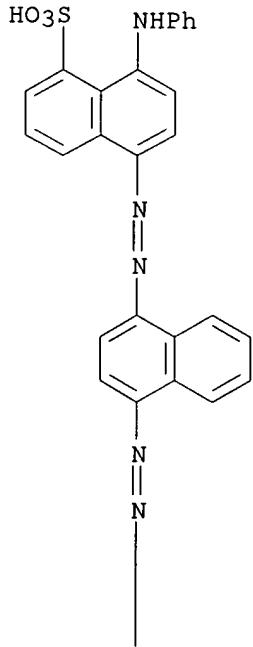
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA,  
CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, IFICDB, IFIPAT,  
IFIUDB, PROMT, SPECINFO, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

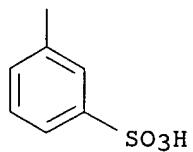
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (24758-50-7)

PAGE 1-A



PAGE 2-A



145 REFERENCES IN FILE CA (1967 TO DATE)  
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
145 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s direct red/cn  
L6 1 DIRECT RED/CN

=> d

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 80701-77-5 REGISTRY  
CN Direct Red (9CI) (CA INDEX NAME)  
MF Unspecified  
CI MAN  
LC STN Files: BIOBUSINESS, BIOTECHNO, CA, CAPLUS, CIN, CSCHEM, EMBASE,  
TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

25 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
25 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s cibacronb gn-e/cn  
L7 0 CIBACRONB GN-E/CN

=> s cibacronb gne/cn  
L8 0 CIBACRONB GNE/CN

=> s cibacronb gn?/cn  
L9 0 CIBACRONB GN?/CN

=> s cibacronb/cn  
L10 0 CIBACRONB/CN

=> s cibacron gn-e/cn  
L11 0 CIBACRON GN-E/CN

=> s cibacron gne/cn  
L12 0 CIBACRON GNE/CN

=> s cibacron gn?/cn  
L13 0 CIBACRON GN?/CN

=> s cibacron/cn  
L14 0 CIBACRON/CN

=> s direct red 28/cn  
L15 1 DIRECT RED 28/CN

=> d

L15 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 573-58-0 REGISTRY  
CN 1-Naphthalenesulfonic acid, 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[4-  
amino-, disodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN C.I. Direct Red 28, disodium salt (8CI)

OTHER NAMES:

CN Atlantic Congo Red

CN Atul Congo Red

CN Azocard Red Congo

CN Benzo Congo Red

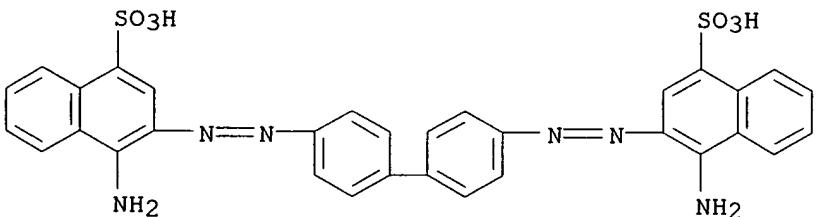
CN Brasilamina Congo 4B

CN C.I. 22120

CN C.I. Direct Red 28  
CN Congo red  
CN Congo Red 4B  
CN Congo Red 4BX  
CN Congo Red CR  
CN Congo Red H  
CN Congo Red K  
CN Congo Red L  
CN Congo Red M  
CN Congo Red N  
CN Congo Red R  
CN Congo Red RS  
CN Congo Red sodium salt  
CN Congo Red W  
CN Congo Red WS  
CN Cotton Red 4BC  
CN Cotton Red 5B  
CN Cotton Red L  
CN Diacotton Congo Red  
CN Direct Congo Red  
CN **Direct Red 28**  
CN Direct Red C  
CN Direct Red DC-CF  
CN Direct Red K  
CN Erie Congo 4B  
CN Haemomedical  
CN Haemonorm  
CN Hemorrhagyl  
CN Hispamin Congo 4B  
CN Kayaku Congo Red  
CN Mitsui Congo Red  
CN Peeramine Congo Red  
CN Red K  
CN Solucongo  
CN Sugai Congo Red  
CN Tertrodirect Red C  
CN Trisulfon Congo Red  
CN Vondacel Red CL  
DR 550-08-3, 70248-72-5, 87440-95-7  
MF C32 H24 N6 O6 S2 . 2 Na  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU,  
EMBASE, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*,  
MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS\*, SPECINFO, TOXCENTER, TULSA,  
USAN, USPATFULL, VETU  
(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (14684-01-6)

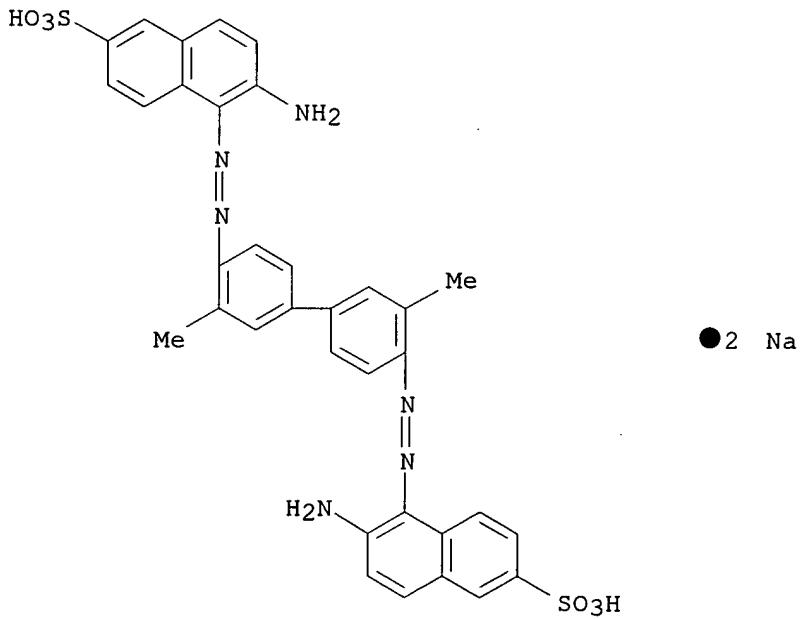


1128 REFERENCES IN FILE CA (1967 TO DATE)  
49 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1128 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s direct red 21/cn  
L16 1 DIRECT RED 21/CN

=> d

L16 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 6406-01-5 REGISTRY  
CN 2-Naphthalenesulfonic acid, 5,5'-(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[6-amino-, disodium salt (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN C.I. Direct Red 21, disodium salt (8CI)  
OTHER NAMES:  
CN Benzopurpurine B  
CN C.I. 23560  
CN C.I. Direct Red 21  
CN Direct Red 21  
CN Hispamin Red B  
CN L 667639  
MF C34 H28 N6 O6 S2 . 2 Na  
LC STN Files: BIOSIS, CA, CAPLUS, CHEMCATS



2 REFERENCES IN FILE CA (1967 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s direct red 79/cn  
L17 1 DIRECT RED 79/CN

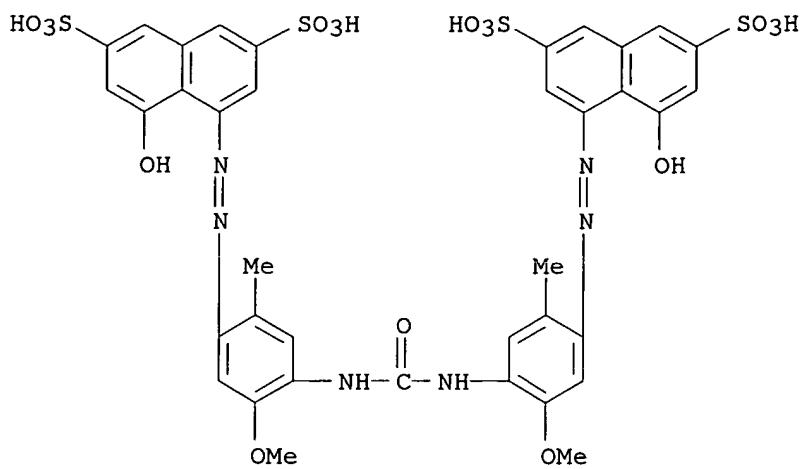
=> d

L17 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 1937-34-4 REGISTRY  
CN 2,7-Naphthalenedisulfonic acid, 4,4'-(carbonylbis[imino(5-methoxy-2-methyl-4,1-phenylene)azo])bis[5-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:

CN C.I. Direct Red 79 (7CI)  
CN C.I. Direct Red 79, tetrasodium salt (8CI)

OTHER NAMES:

CN Amanil Supra Red 6BLL  
CN Atlantic Resin Fast Red 6BLL  
CN Benzanil Supra Red 6BLL  
CN C.I. 29065  
CN Calcodur Red 6BL  
CN Calcodur Resin Fast Red 6B  
CN Chlorantine Fast Red 6BLL  
CN Chrome Leather Red 6BLL  
CN Dialuminous Red 4BL  
CN Diazol Light Red 6BL  
CN Dicorel Red L 6A  
CN Direct Fast Red L 6A  
CN Direct Light Red M 6BLL  
CN Direct Lightfast Red S  
CN **Direct Red 79**  
CN Direct Red L 6A  
CN Direct Red Lightfast S  
CN Durazol Red 6B  
CN Durazol Red 6BS  
CN Durofast Red 6BLL  
CN Eliamina Light Red 6BL  
CN Fastusol Red L 4BL-CF  
CN Fenaluz Red 4BL  
CN Helion Red 6BL  
CN Intralite Red 6BLL  
CN Kayarus Supra Red 6BL  
CN Orbantin Red 4BL  
CN Oxanal Red 6BLL  
CN Paranol Fast Red 6BL  
CN Pontamine Fast Red 6BL  
CN Pyrazol Fast Red 6BL  
CN Saturn Red L 4B  
CN Sirius Supra Red 4BL  
CN Sirius Supra Red 4BLA  
CN Solamine Fast Red 4BL  
CN Solamine Light Red 4BL  
CN Solantine Red 6BLL  
CN Solar Red 2BL  
CN Solius Light Red 6BL  
CN Solius Red 4BL  
CN Solophenyl Red 6 BL  
CN Solophenyl Red 6BL  
CN Sumilight Supra Red 4BL  
CN Suprexcel Red 6BL  
CN Tertrodirect Fast Red 6B  
CN Tetramine Fast Red 6BL  
CN Triantine Fast Red 4BL  
CN Triantine Light Red 4BL  
MF C37 H32 N6 O17 S4 . 4 Na  
LC STN Files: ANABSTR, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM,  
MEDLINE, TOXCENTER, USPATFULL  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)  
CRN (25784-17-2)



● 4 Na

111 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 111 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s reactive blue cibacron?/cn  
 L18 0 REACTIVE BLUE CIBACRON?/CN

=> s reactive blue cibacron gn-e/cn  
 L19 0 REACTIVE BLUE CIBACRON GN-E/CN

=> s reactive blue cibacron gn?/cn  
 L20 0 REACTIVE BLUE CIBACRON GN?/CN

=> s reactive blue cibacron c-r/cn  
 L21 0 REACTIVE BLUE CIBACRON C-R/CN

=> s reactive blue/cn  
 L22 1 REACTIVE BLUE/CN

=> d

L22 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
 RN 107249-17-2 REGISTRY  
 CN **Reactive Blue (9CI)** (CA INDEX NAME)  
 MF Unspecified  
 CI MAN  
 SR CA  
 LC STN Files: AGRICOLA, BIOSIS, CA, CAPLUS, CIN, PROMT, TOXCENTER,  
 USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
 11 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 11 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s malvin/cn  
 L23 1 MALVIN/CN

=> d

L23 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
 RN 16727-30-3 REGISTRY

CN 1-Benzopyrylium, 3,5-bis(.beta.-D-glucopyranosyloxy)-7-hydroxy-2-(4-hydroxy-3,5-dimethoxyphenyl)-, chloride (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Malvin (6CI, 8CI)

OTHER NAMES:

CN Malvidin 3,5-di-O-glucoside

CN Malvidin 3,5-diglucoside

CN Malvidin diglucoside

CN Malvidol 3,5-diglucoside chloride

CN Malvin chloride

CN Malvoside

FS STEREOSEARCH

DR 55059-33-1, 28675-66-3

MF C29 H35 O17 . Cl

CI COM

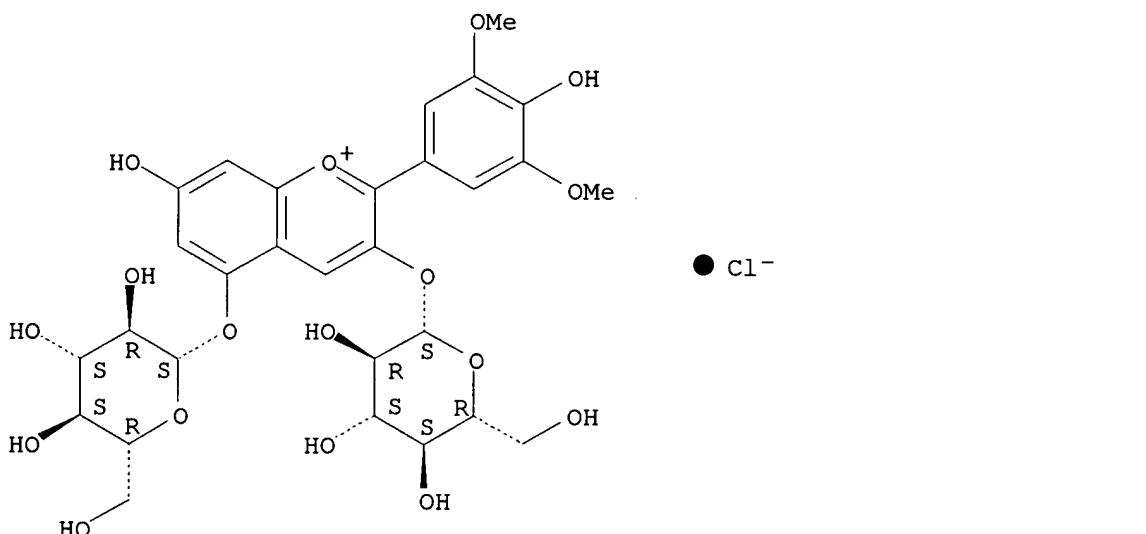
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IPA, MSDS-OHS, NAPRALERT, PROMT, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (47863-30-9)

Absolute stereochemistry.



272 REFERENCES IN FILE CA (1967 TO DATE)

5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

273 REFERENCES IN FILE CAPLUS (1967 TO DATE)

9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
115.46	115.67

STN INTERNATIONAL LOGOFF AT 09:00:21 ON 13 MAY 2002